

# Converting Colors

Hex(F7E675)

Have a look what the booklet for  
Hex(F7E675) contains.

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# **Color**

**Hex(F7E675)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7E675
RGB	247, 230, 117
RGB Percent	97%, 90%, 46%
CMY	0.0314, 0.0980, 0.5412
CMYK	0.00, 0.07, 0.53, 0.03
HSL	52°, 89%, 71%
HSV	52°, 53%, 97%
XYZ	69.8655, 77.6521, 28.1357
YIQ	222.2010, 46.4050, -31.5390

# Conversions

## Conversions Part 2

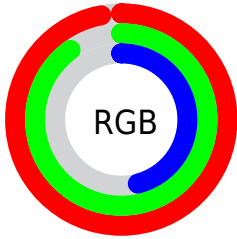
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 247, 117
Decimal	16246389
CIELab	90.62, -8.33, 56.44
CIELCh	91, 57.052, 98.395
Yxy	77.6521, 0.3977, 0.4421
Android (android.graphics.Color)	4294436469 (0xFFFF7E675)
YUV	222.2010, -51.8641, 21.7487
Hunter-Lab	88.1205, -12.6887, 42.7538

# Details

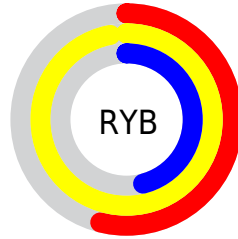
The Hex color **F7E675** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7586F7**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFAC**, and **BCAF40** is the 20% darker color. If you saturate the color by 10%, you get **F7E35C**, and if you desaturate by 10%, it is **F7E98E**.

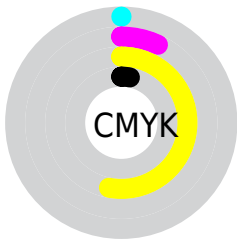
# Distribution



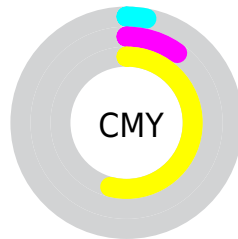
- Red (97%)
- Green (90%)
- Blue (46%)



- Red (54%)
- Yellow (97%)
- Blue (46%)



- Cyan (0%)
- Magenta (7%)
- Yellow (53%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7E675 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F7E675 by changing the saturation by 10% instead.



 F7E675

 F7E675

FFFFFF

 D9CA5A

 FFFFAC

 BCAF40

 FFFFC8

 A09424

 FFFF E5

 847B00

 686200

 4E4A00

 343400

 1B1F00

 000400

 F7E675

 F7E675

 F7E35C

 F7E98E

 F7E044

 F7ECA6

 F7DC2B

 F7F0BF

 F7D912

 F7F3D8

 F7D700

 F7F6F1

 F7F9FF

 F7FDFD

 F7FFFF

# Harmonies

## Analogous

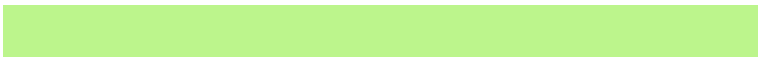
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD37E



F7E675



BCF58C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F7E675



00FEFF



FFBEFF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F7E675



7586F7

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FDD0FF



F7E675



00F5FF

# Square

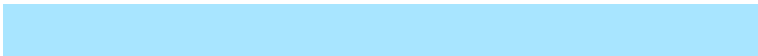
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F7E675



00FFF2



A8E5FF



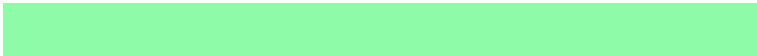
FFB7D7

# Rectangle

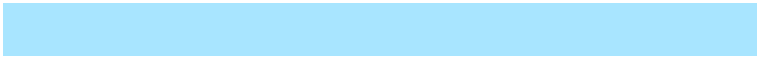
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F7E675



8EFBA9



A8E5FF



FFC3FF



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F7E675



FFFAD6



F77586



807C67



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F7E675



FFE45E



C7F775



7A796E



BAA200



3B3300



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7586F7



5E73FF



A575F7



6E707A



0018BA

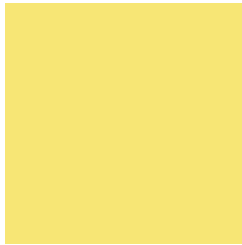


00083B



# Previews

## White Background



This preview shows how the Hex color F7E675 looks on a white background.

## Color Contrast Check

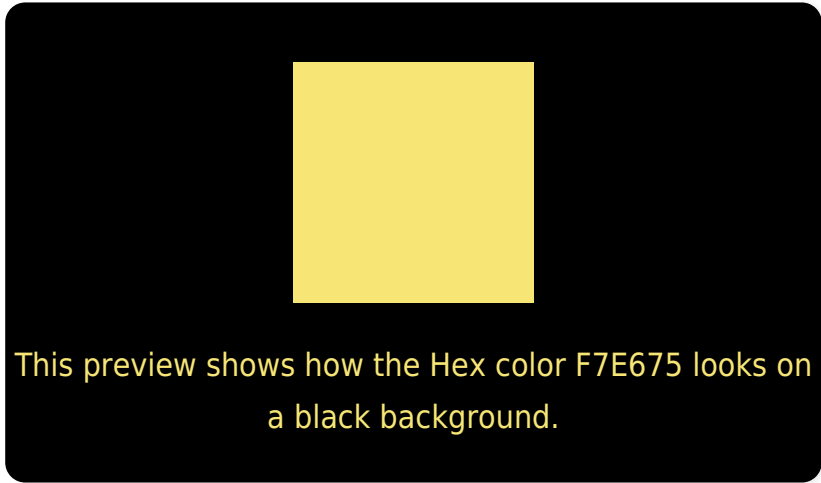
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F7E675 Background



This preview shows how black text looks on a background with the Hex color F7E675.

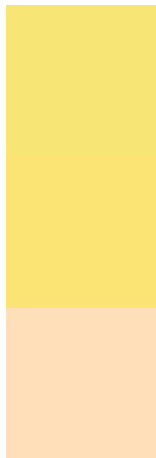


This preview shows how white text looks on a background with the Hex color F7E675.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
F7E675

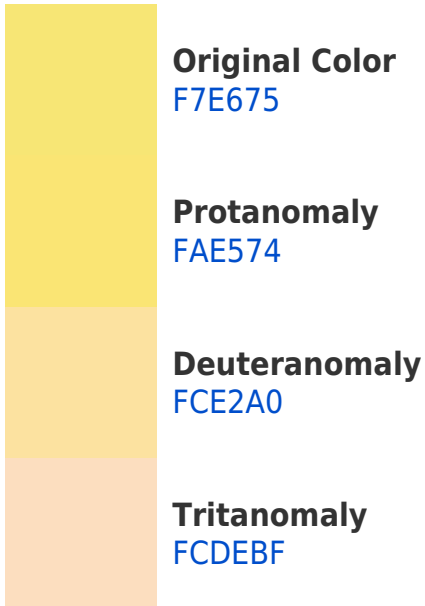
**Protanopia**  
FCE474

**Deuteranopia**  
FFDFB9

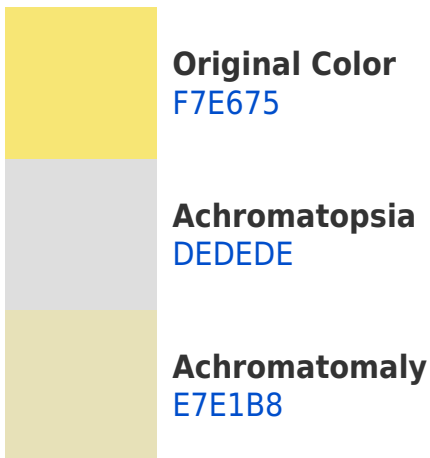


**Tritanopia**  
FFDAE9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7E675 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F7E675 looks like.

```
.text, #text, p{  
    color:#F7E675  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F7E675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7E675
}
```

## Border

The CSS property to change the border of an element to Hex F7E675 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F7E675 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F7E675 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F7E675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7E675; -webkit-box-shadow:4px 4px  
4px 4px #F7E675; box-shadow:4px 4px 4px  
4px #F7E675 }
```

# Background

The CSS property to change the background color of an element to Hex F7E675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7E675 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F7E675 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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